



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Quality Engineered Products Co., Inc.
4506 Quality Lane
Tampa, FL 33634

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 16 ga Outswing Commercial Steel Doors w/wo Panic Exit Device-Impact

APPROVAL DOCUMENT: Drawing No. 16GACOSD-1, titled "16 GA Commercial Outswing Steel Door", sheets 1 through 10 of 10, prepared by manufacturer, dated 02/26/16, with Revision 4 dated 02/26/16, signed and sealed by Cody Davis, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

Limitations:

1. See Design Pressure ratings VS lock types in sheet 1.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 12-0921.12 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P.E.**



JP
07/19/2016

NOA No. 15-0422.03
Expiration Date: January 30, 2018
Approval Date: July 28, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 07-1017.09)
2. Drawing No. 16GACOSD-1, titled "16 GA Commercial Outswing Steel Door", sheets 1 through 10 of 10, prepared by manufacturer, dated 02/26/16, with Revision 4 dated 02/26/16, signed and sealed by Cody Davis, P. E..

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings & installation diagram of Commercial Steel Doors w /Panic devices, prepared by Certified Testing Laboratories Inc., Test Report No. **CTLA 1276W**, dated Nov. 11, 2004, signed and sealed by Ramesh Patel, P. E.

(Note: This test report has been revised under Test Report No. **CTLA 1276WR**, re-issued on 02/25/05 by Certified Testing Laboratories, signed and sealed by Ramesh Patel, P. E.)

(Submitted under NOA No. 07-1017.09, 04-0220.02)

2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202.
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC and TAS 202-94

Along with marked-up drawings and installation diagram of Steel Commercial Steel Doors, prepared by Certified Testing Laboratories Inc., Test Report No. **CTLA 114W**, dated December 09, 2003, signed and sealed by Ramesh Patel, P. E

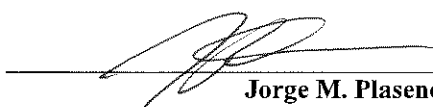
(Note: This test report has been revised by addendum letter dated May 26, 2004 & June 30, 2005, issued by Certified Testing Laboratories Inc.)

(Submitted under NOA No. 04-0220.02)

3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of Steel Commercial Doors, prepared by Certified Testing Laboratories Inc., Test Report No. **CTLA 403W**, dated 07/25/00, signed and sealed by Ramesh Patel, P. E

(Submitted under NOA No. 04-0220.02)


Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 15-0422.03
Expiration Date: January 30, 2018
Approval Date: July 28, 2016

Quality Engineered Products Co., Inc.

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B. TESTS (continued)

4. Additional test report **HTL-0050-1012-97** tested per FBC, TAS 202-94, issued by Hurricane testing laboratories, Inc. dated 10-16-98, signed and sealed by Timothy S. Marshall, P. E.
(Submitted under NOA No. 04-0220.02)

C. CALCULATIONS:

1. Anchor verification calculations, dated 10/20/15 and revised on 05/31/16, prepared, signed and sealed Cody Davis, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

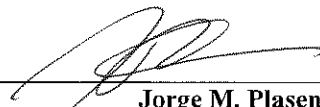
1. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. **CTL 1023J (CTLA114W)**, tested per ASTM E-A370-97, dated December 02,2003, signed and sealed by Ramesh Patel, P. E.
(Submitted under NOA No. 04-0823.05, 07-1017.09)
2. Notice of Acceptance No. **11-0926.07** issued to Dyplast Products, LLC (former Apache Products Co) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/2017.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2014, 5th edition**, issued, prepared, signed, sealed and dated 05/31/16 by Cody Davis, P. E.
2. Statement letter of no financial interest, issued, prepared, signed, sealed and dated 05/31/16 by Cody Davis, P.E.
3. Statement letter of compliance, as a part of the above referenced test reports.
4. Statement letter dated 05/31/16 of successor engineer adopting as his own, another engineer's work per FAC, Rule Chapter 61G15-27, issued by Master Consulting Engineers, Inc., both signed and sealed by Cody Davis, P. E.

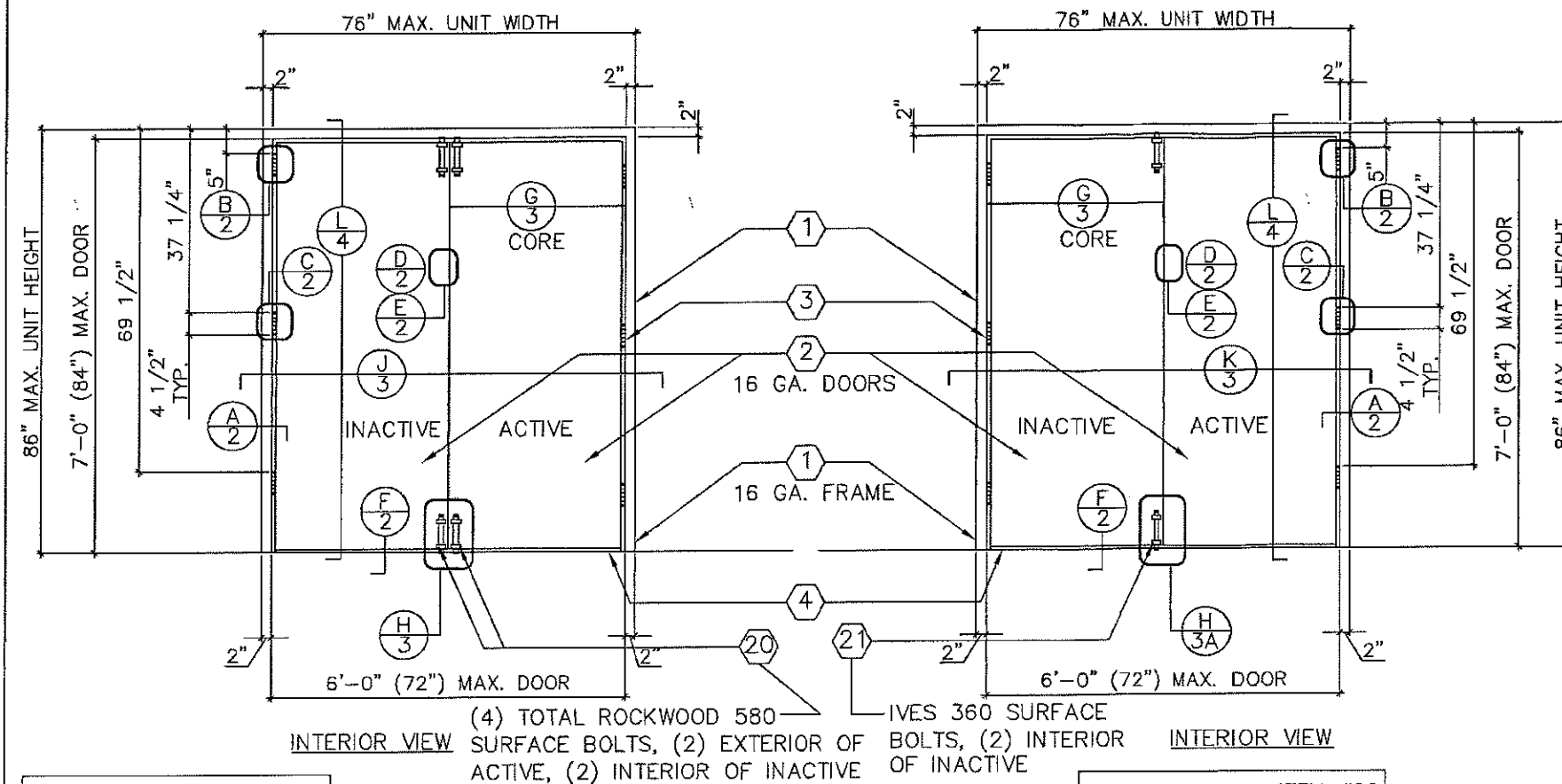
G. OTHERS

1. Notice of Acceptance No. **12-0921.12**, issued to Quality Engineered Products, Co., Inc., LLC for their Series 16 ga Outswing Commercial Steel Doors w/wo Panic Exit Device-Impact., approved on 01/17/13 and expiring on 01/30/18.



Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 15-0422.03
Expiration Date: January 30, 2018
Approval Date: July 28, 2016

= BILL OF MATERIALS REFERENCE, SEE SHEET 6 OF 10



COMPLIANCE OF THESE UNITS TO FBC
EGRESS/ESCAPE REQUIREMENTS TO
BE REVIEWED BY BUILDING OFFICIAL
ON A CASE BY CASE BASIS

LOCK TESTED: ITEM #9

PDQ MORTISE LOCK MODEL MR117

DESIGN PRESSURE RATING (OUTSWING DOUBLE DOORS) w/(4) ROCKWOOD SURFACE BOLTS

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG*
POSITIVE	NOT APPROVED WITHOUT OVERHANG *	+90 PSF
NEGATIVE	NOT APPROVED WITHOUT OVERHANG *	-90 PSF

* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1

LOCK TESTED: ITEM #22

SCHLAGE MORTISE LOCK MODEL L9453P

SARGENT MORTISE LOCK MODEL 8225NL

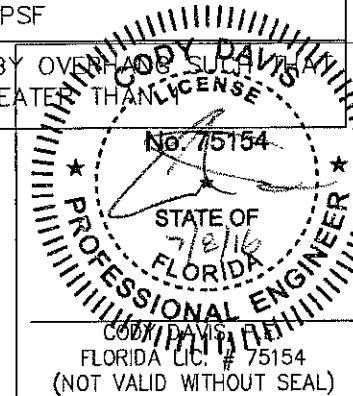
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG*
POSITIVE	NOT APPROVED WITHOUT OVERHANG *	+70 PSF
NEGATIVE	NOT APPROVED WITHOUT OVERHANG *	-70 PSF

* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANGS SUCH THAT OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN LICENSE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0422.03**

Expiration Date 01/30/2018

By [Signature]
Miami-Dade Product Control



16 GA. COMMERCIAL OUTSWING STEEL DOOR

REVISIONS

1 05-25-04
2 07-06-04
3 01-26-06
4 02-26-16

DRAWING NUMBER 16GACOSD-1

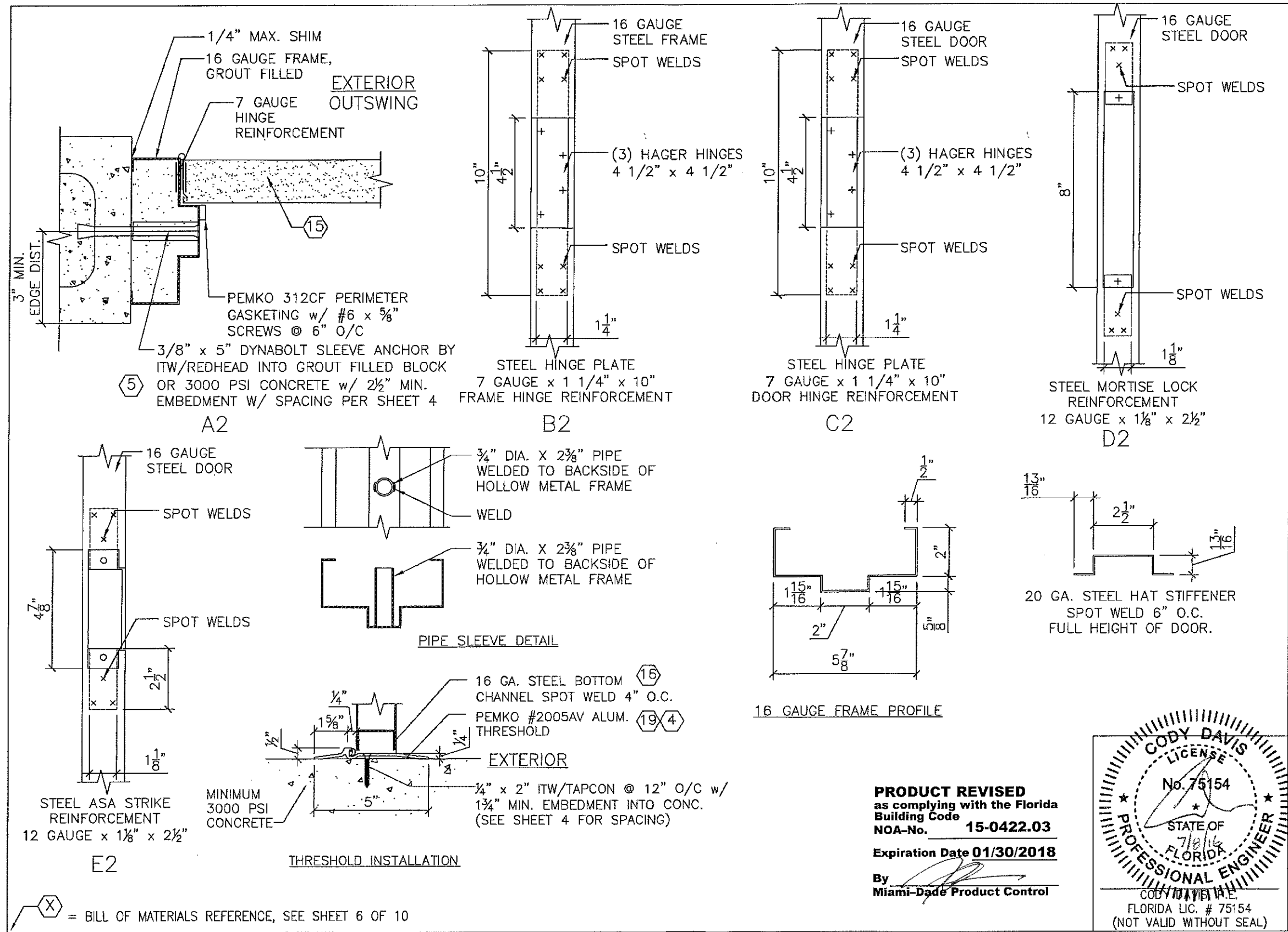
HURRICANE TEST APPROVAL
SERIES 16GACOSD
16 GAUGE COMMERCIAL
OUTSWING STEEL DOORS

SHEET 1 OF 10

DATE 02-26-16

4506 QUALITY LANE
TAMPA, FLORIDA 33634
(813) 885-1693

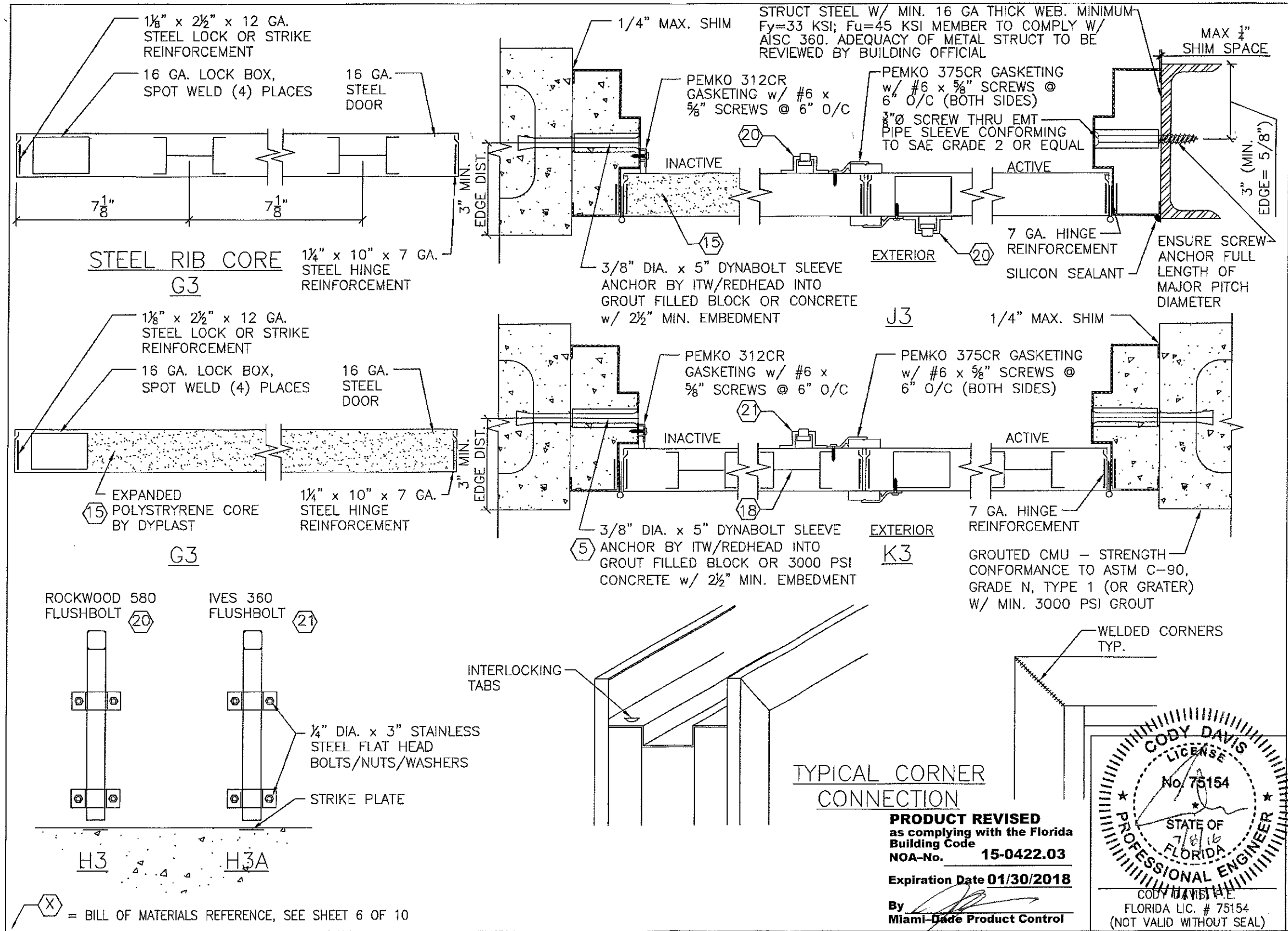
*Quality
Engineered
Products Co., Inc.*



DRAWING NUMBER	16GACOSD-1
16 GA. COMMERCIAL OUTSWING STEEL DOOR	HURRICANE TEST APPROVAL SERIES 16GACOSD 16 GAUGE COMMERCIAL OUTSWING STEEL DOORS
REVISIONS - 3-01-26-06 4 02-26-16	SHEET 2 OF 10 DATE 02-26-16

4506 QUALITY LANE
TAMPA, FLORIDA 33634
(813) 885-1693

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Products Co., Inc.*



(X) = BILL OF MATERIALS REFERENCE, SEE SHEET 6 OF 10

16 GA. COMMERCIAL OUTSWING STEEL DOOR

DRAWING NUMBER 16GACOSD-1

4506 QUALITY LANE
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Engineered
Products Co., Inc.

REVISIONS

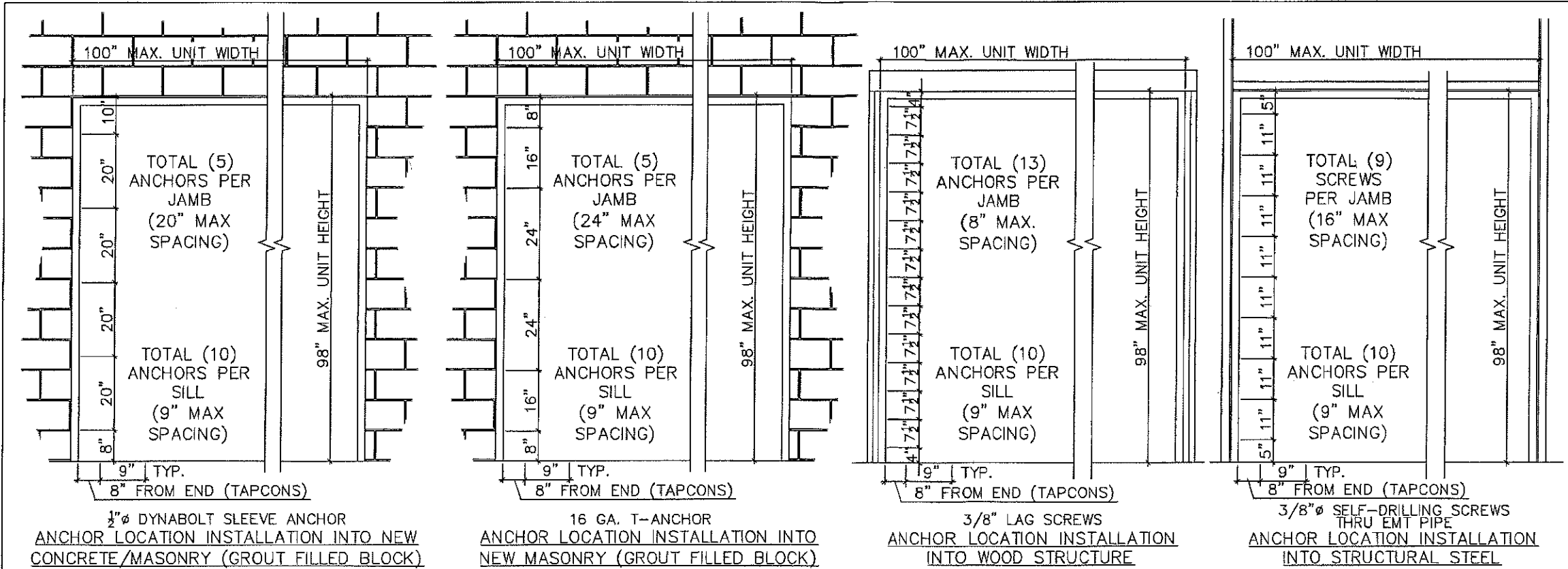
1 3 01-26-06
4 02-26-16

HURRICANE TEST APPROVAL
SERIES 16GACOSD
16 GAUGE COMMERCIAL
OUTSWING STEEL DOORS

SHEET 3 OF 10

DATE 02-26-16

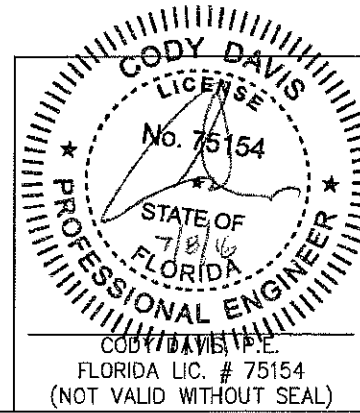
 = BILL OF MATERIALS REFERENCE, SEE SHEET 6 OF 10



ITEM #	QUANTITY	BILL OF MATERIALS
1	1	16 GA. (.063") MIN. (14 GA. MAX.) STEEL HOLLOW METAL FRAME FyMIN= 46.3 KSI; FuMIN= 52.1 KSI (OR S.S. MEETING FyMIN= 50.5 KSI; FuMIN= 98.5 KSI)
2	2	16 GA. (.063") MIN. (14 GA. MAX.) GLAZED STEEL STORE FyMIN= 46.3 KSI; FuMIN= 52.1 KSI (OR S.S. MEETING FyMIN= 50.5 KSI; FuMIN= 98.5 KSI)
3	8	HAGAR HINGES BB1279 4 1/2" x 4 1/2" x 0.134" THICK
4	1	PEMCO 2005AV THRESHOLD
5	15	1/2" DYNABOLT ITW/REDHEAD SLEEVE ANCHOR (3/8" BOLT) X 5" SLEEVE ANCHOR w/ 3/4" EMT WELDED PIPE SLEEVE w/ 2-1/2" MIN. EMBEDMENT & 3" MIN. EDGE DISTANCE INTO 3 KSI CONCRETE OR GROUT FILLED BLOCK
6	20	1/2" x 6" WOOD LAG SCREWS w/ 3/4" EMT PIPE SLEEVE
7	2	DORMA EXIT DEVICE HCF9400 VERTICAL ROD EXIT DEVICE w/ STRIKEPLATES TOP AND BOTTOM
8	2	DORMA EXIT DEVICE HCF9300 RIM EXIT DEVICE w/ STRIKE PLATES (416)
9	1	PDQ MORTISE LOCK MR117
10	1	PEMCO 68A DOOR TOP WEATHERSTRIP w/ #6 x 5/8" SCREWS
11	AS REQ.	NATIONAL GAURD #130SA WEATHERSTRIP w/ #6 x 5/8" SCREWS
12	1	PEMCO 347A TOP DRIP
13	8	7 GA. STEEL DOOR HINGE REINFORCEMENT

ITEM #	QUANTITY	BILL OF MATERIALS
14	8	7 GA. STEEL FRAME HINGE REINFORCEMENT
15	AS REQ.	EXPANDED POLYSTYRENE (EPS) BY DYPLAST w/ CURRENT NOA PRODUCTS OR 20 GA. STEEL RIB OR HONEYCOMB
16	4	16 GA. STEEL TOP AND BOTTOM "U" CHANNEL
17	2	12 GA. STEEL 1.5" x 4.5" x FULL LENGTH LOCK REINFORCEMENT
18	AS REQ.	20 GA. STEEL HAT STIFFENERS
19	1	VINYL GASKETING (THRESHOLD)
20	1	ROCKWOOD 580 SURFACE BOLTS
21	1	IVES 360 SURFACE BOLTS
22	1	SCHLAGE MORTISE LOCK MODEL L9453P, SARGENT MORTISE LOCK MODEL 8225NL (70 PSF ONLY)
23	1	DORMA HC1300 REMOVABLE MULLION (DOUBLE DOORS)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **15-0422.03**
Expiration Date **01/30/2018**
By
Miami-Dade Product Control



16 GA. COMMERCIAL OUTSWING STEEL DOOR

4506 QUALITY LANE
TAMPA, FLORIDA 33634
(813) 885-1693

Quality Engineered Products Co., Inc.

REVISIONS

1 3 01-26-06
4 02-26-16

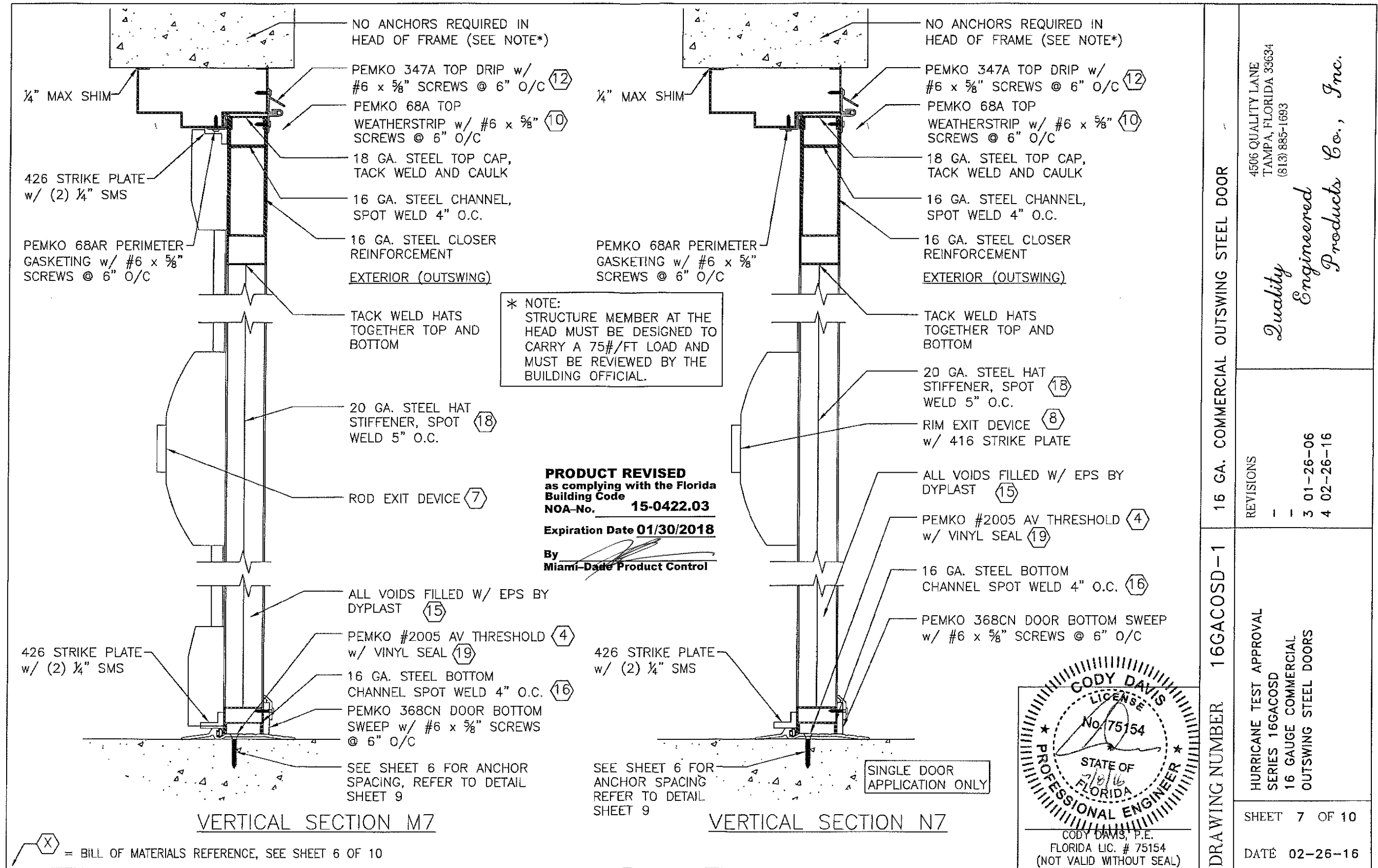
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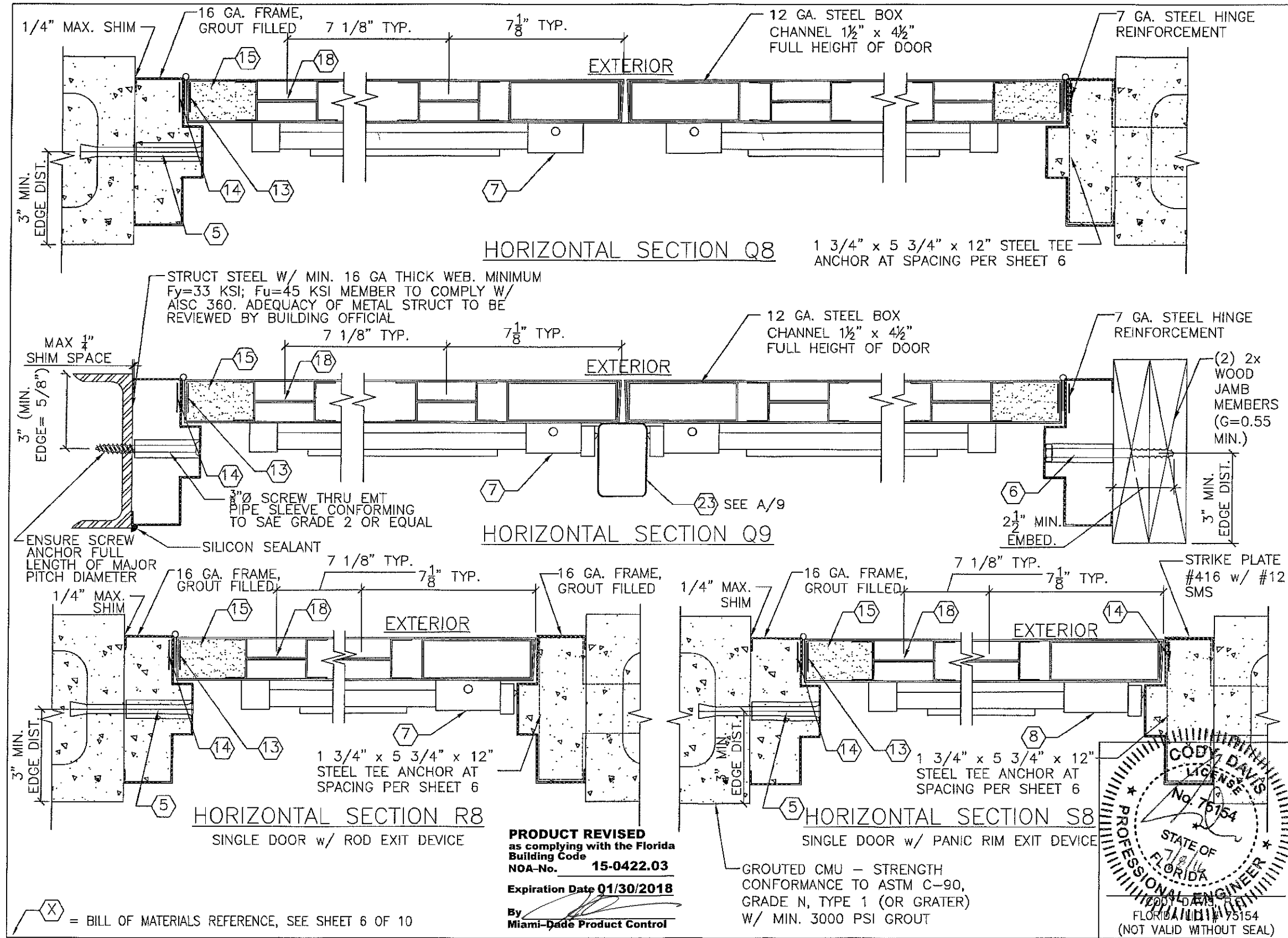
HURRICANE TEST APPROVAL
SERIES 16GACOSD
16 GAUGE COMMERCIAL
OUTSWING STEEL DOORS

SHEET 6 OF 10

DATE 02-26-16

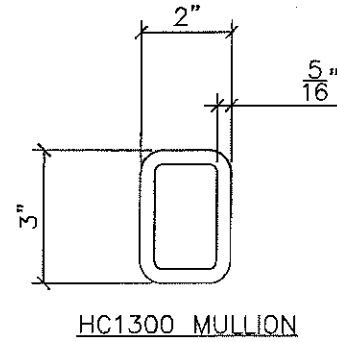
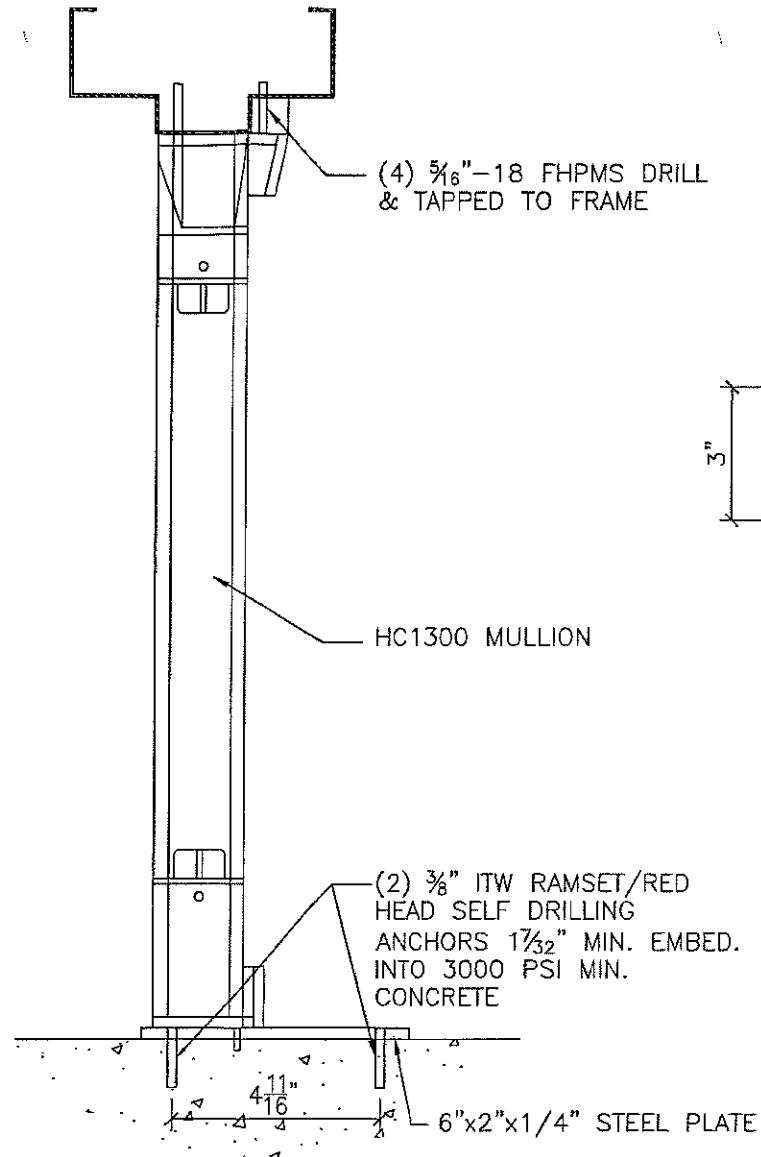
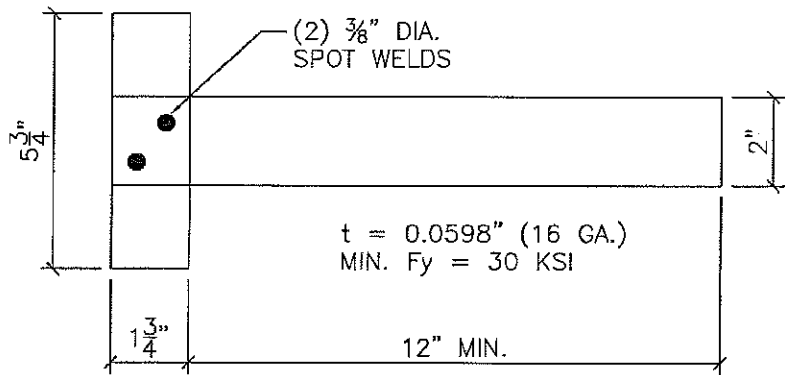
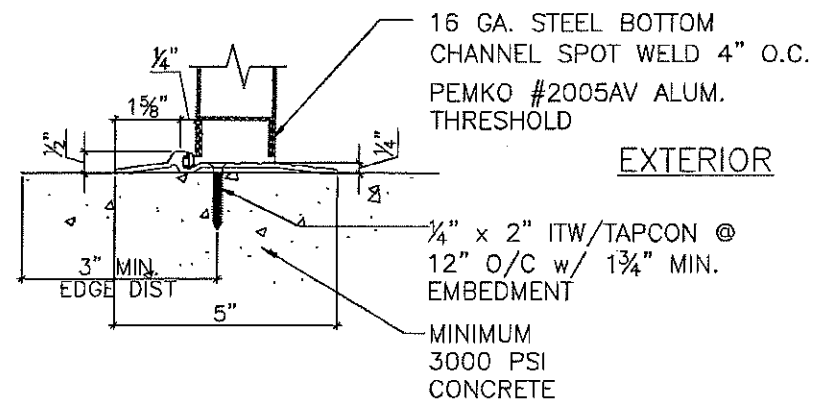
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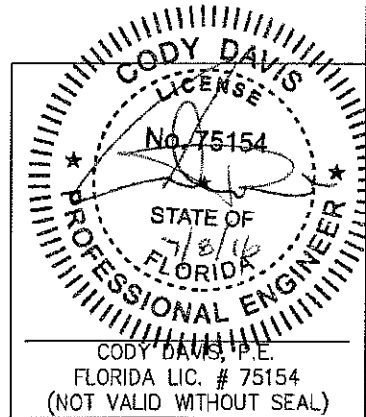


DRAWING NUMBER	16 GA. COMMERCIAL OUTSWING STEEL DOOR	REVISIONS	4506 QUALITY LANE TAMPA, FLORIDA 33634 (813) 885-1693 <i>Quality Engineered Products Co., Inc.</i>
	16GACOSD-1		
HURRICANE TEST APPROVAL SERIES 16GACOSD 16 GAUGE COMMERCIAL OUTSWING STEEL DOORS		1 3 01-26-06 4 02-26-16	
SHEET 8 OF 10		DATE 02-26-16	

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PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0422.03**
Expiration Date **01/30/2018**
By *[Signature]*
Miami-Dade Product Control



(X) = BILL OF MATERIALS REFERENCE, SEE SHEET 6 OF 10

DORMA HC-1300 REMOVABLE MULLION

16 GA. COMMERCIAL OUTSWING STEEL DOOR

DRAWING NUMBER 16GACOSD-1

4506 QUALITY LANE
TAMPA, FLORIDA 33634
(813) 885-1693
Quality Engineered Products Co., Inc.

REVISIONS
- -
3 01-26-06
4 02-26-16

HURRICANE TEST APPROVAL
SERIES 16GACOSD
16 GAUGE COMMERCIAL
OUTSWING STEEL DOORS

SHEET 9 OF 10
DATE 02-26-16

